



**Figure S1.** The actin binding regions of ANT XR1 and abp140 co-localize with the actin cytoskeleton. Pearson product-moment correlation coefficients based on 12 fields from at least 3 independent experiments were used to assess co-localization between EGFP fusion proteins and actin. A minimum correlation coefficient (r) of 0.576 is required to establish statistical significance (df = 10,  $p < 0.05$ ). There was no statistically significant co-localization for EGFP, EGFP-sv1<sub>360-369</sub>-WH2 or EGFP-sv1<sub>360-369</sub> ARM-WH2. In contrast, EGFP-sv1<sub>360-420</sub>, EGFP-sv1<sub>360-420</sub> ARM, EGFP-sv1<sub>360-369</sub>-ABP and EGFP-sv1<sub>360-369</sub> ARM-ABP all co-localized with actin.